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TCS 8666/65
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CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

COMPUTED LOCATIONS OF SA-2 SAM SITES,
WAC 163, USSR

CIA/PIR-1005/65



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CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

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COMPUTED LOCATIONS OF SA-2 SAM SITES, WAC 163, USSR

This report transmits machine computed geographic coordinates of all SA-2 SAM Sites from WAC 163, Omsk, USSR. These coordinates were computed using camera data from KH-4 photography.

The following table summarizes the results obtained:

Name Site Designator BE Number	Map Plotted Coordinates	Map Reference	Map Reliability	Computed Coordinates	Deviations
Omsk 25X1A A13-2 [REDACTED]	54-54-10N 73-32-25E	0163-10HL 2d ed. Sept 62	± 800'	54-54-32N 73-32-24E	22 seconds 01 seconds
Omsk 25X1A B09-2 [REDACTED]	54-59-35N 73-41-30E	0163-10HL 2d ed. Sept 62	± 800'	54-59-09N 73-42-36E	26 seconds 66 seconds
Omsk 25X1A B17-2 [REDACTED]	54-46-00N 73-28-20E	0163-10HL 2d ed. Sept 62	± 800'	54-45-32N 73-27-47E	28 seconds 33 seconds
Omsk 25X1A B26-2 [REDACTED]	54-55-10N 73-01-30E	0163-9A 1st ed. May 59	± 1600'	54-54-52N 73-01-58E	18 seconds 28 seconds
Omsk 25X1A B34-2 [REDACTED]	55-07-20N 73-17-10E	0163-10HL 2d ed. Sept 62	± 800'	55-07-22N 73-17-01E	02 seconds 09 seconds

NOTE: Accuracy for computed coordinates is considered to be within ± 3000'.

25X1D

The submitted geographic positions are the computed coordinates using the aft frame of Mission [REDACTED] This mission was tested over controlled territory and the aft frames had a maximum error of [REDACTED] of longitude.

25X1D

25X1D

Included in the coordinate determination were Mission [REDACTED] as well as the forward frames of [REDACTED] With the exception of [REDACTED] these missions were tested over controlled areas and were not as accurate as the selected camera.

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25X1D

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25X1D

Bias did exist and tended to hold true with respect to [REDACTED] in the operational area. This provided a reasonable confidence level for the submitted positions and accuracy statement.

25X1D

The accuracy statement of ± 3000 ft. represents at the latitude of the target area approximately [REDACTED] of longitude. Because of the potential inconsistencies in the Mission Ephemerides, it is undesirable to submit the accuracy indicated by the results over the controlled territory which would be ± 1000 ft. It is anticipated however that in the future a smaller figure will be possible.

Your attention is directed to the column showing the deviations between the plotted coordinates and the computed coordinates. Analysis is continuing on this project with emphases on sites in China while continuing to develop the statistical base from new missions.

Computations have been made by the NPIC/Technical Intelligence Division and accuracies apply as stated in paragraphs 1, 2 and 4 above.

REQUIREMENT

C-SI4-81,720

CIA/PID PROJECT

30717-4 (partial answer)

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